

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080319\
 Data File : VD063369.D
 Acq On : 3 Aug 2019 18:44
 Operator : VA/AP
 Sample : K4135-07
 Misc : 7.57g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1S-A1-(30)

Quant Time: Aug 04 06:47:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

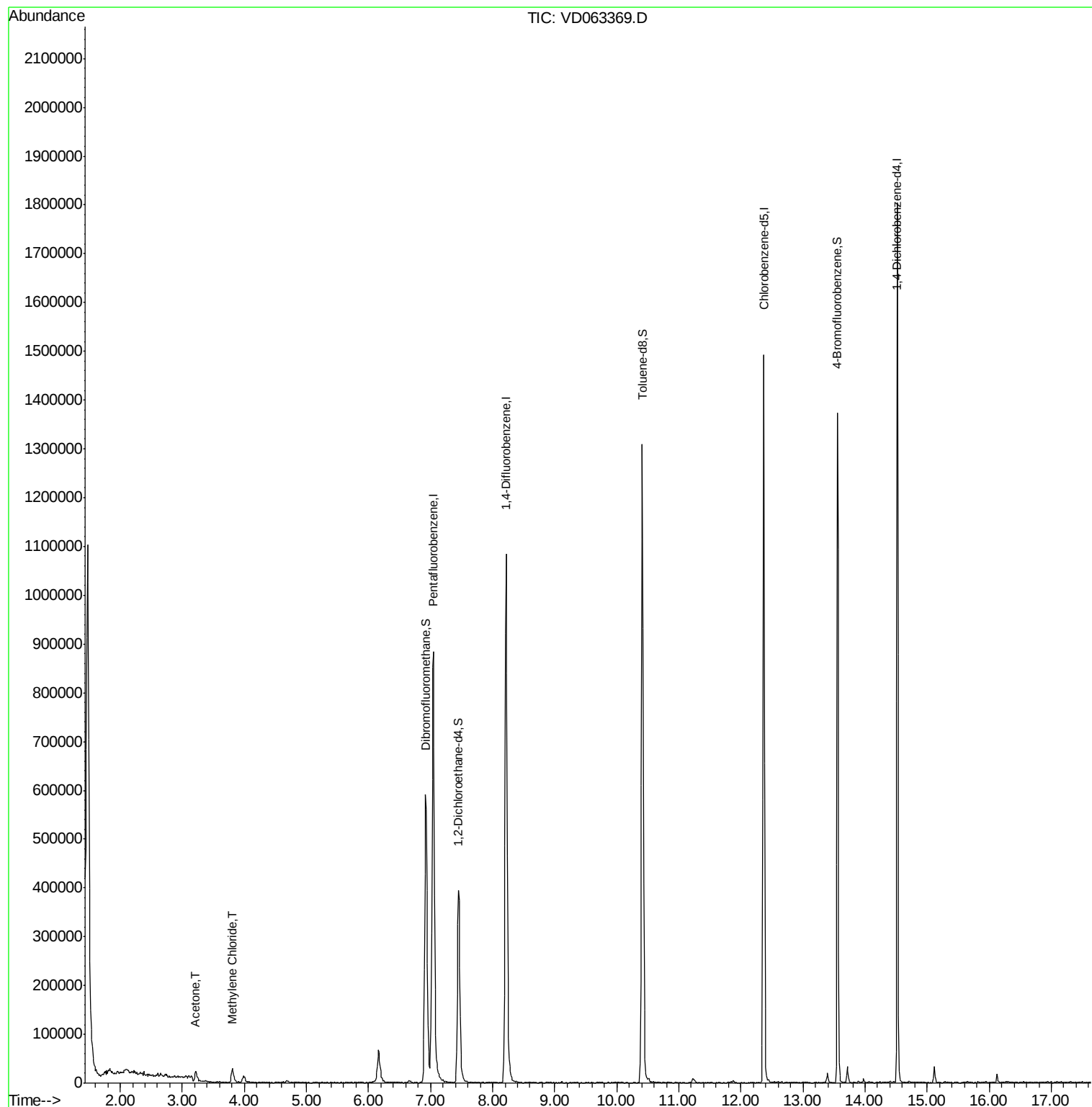
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	856653	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	1113657	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	870484	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	362036	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	474401	49.91	ug/l	0.01
Spiked Amount 50.000			Recovery	=	99.82%	
35) Dibromofluoromethane	6.92	113	504499	53.06	ug/l	0.01
Spiked Amount 50.000			Recovery	=	106.12%	
50) Toluene-d8	10.41	98	1042986	49.01	ug/l	0.01
Spiked Amount 50.000			Recovery	=	98.02%	
62) 4-Bromofluorobenzene	13.55	95	377858	38.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.94%	
Target Compounds						
16) Acetone	3.22	43	39487	21.321	ug/l	98
20) Methylene Chloride	3.81	84	16574	2.214	ug/l	91

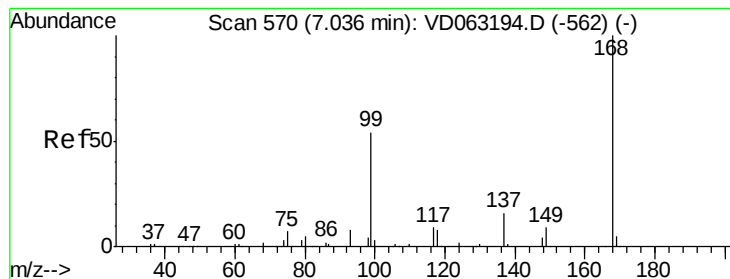
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD063369.D

Acq: 3 Aug 2019 18:44

Instrument :

MSVOA_D

ClientSampleId :

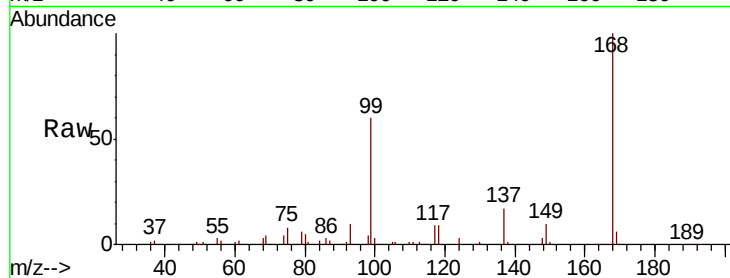
1S-A1-(30)

Tot Ion:168 Resp: 856653

Ion Ratio Lower Upper

168 100

99 59.8 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

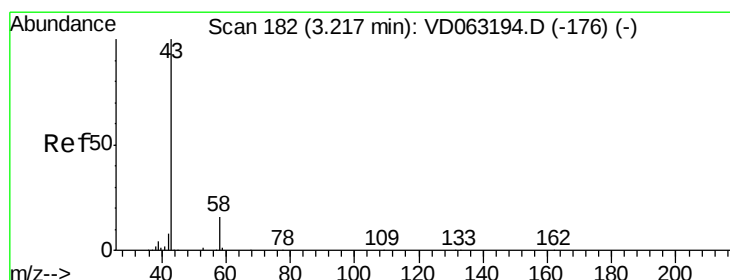
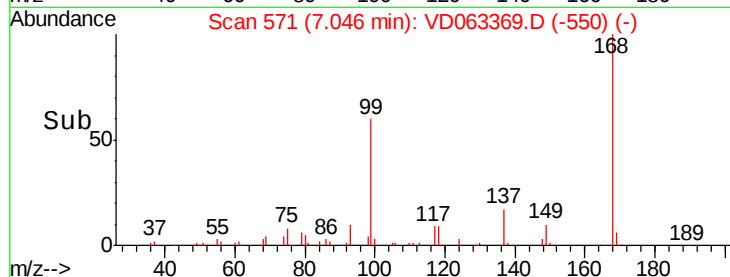
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 21.321 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.00 min

Lab File: VD063369.D

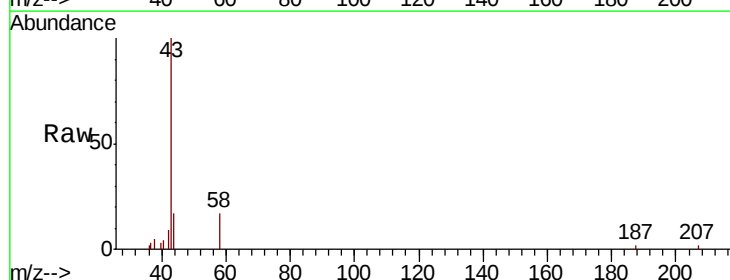
Acq: 3 Aug 2019 18:44

Tgt Ion: 43 Resp: 39487

Ion Ratio Lower Upper

43 100

58 16.9 13.0 19.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

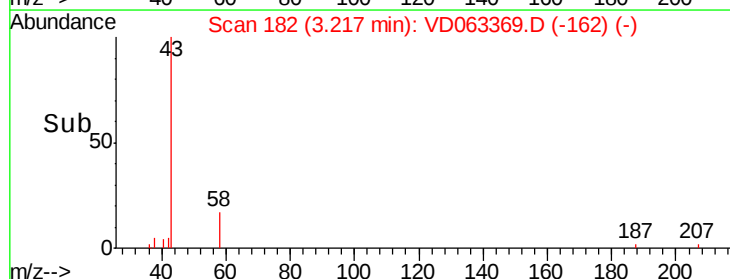
15000

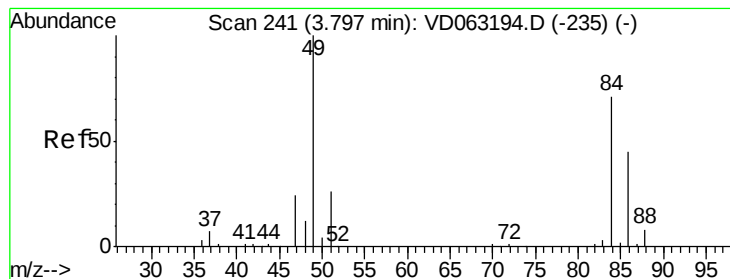
10000

5000

0

Time-->





#20

Methylene Chloride

Concen: 2.214 ug/l

RT: 3.81 min Scan# 242

Delta R.T. 0.01 min

Lab File: VD063369.D

Acq: 3 Aug 2019 18:44

Instrument :

MSVOA_D

ClientSampleId :

1S-A1-(30)

Tot Ion: 84 Resp: 16574

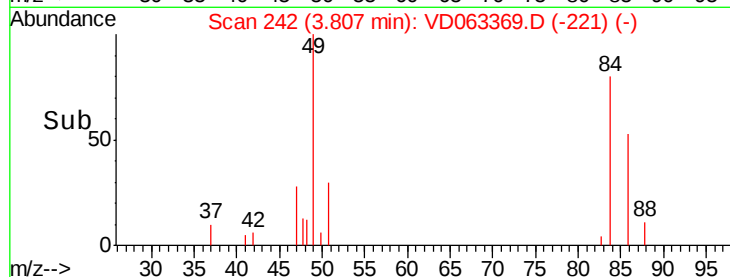
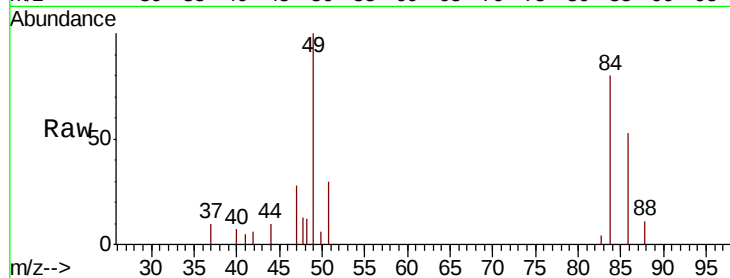
Ion Ratio Lower Upper

84 100

49 124.3 112.5 168.7

51 37.8 29.6 44.4

86 65.9 50.4 75.6

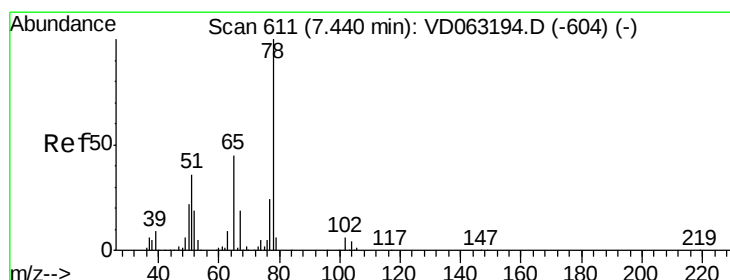
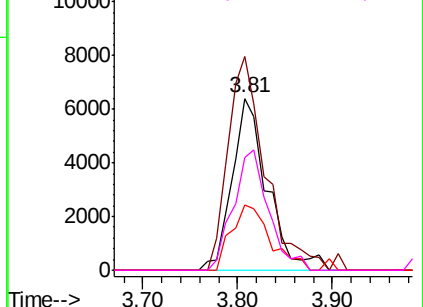


Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 49.909 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.01 min

Lab File: VD063369.D

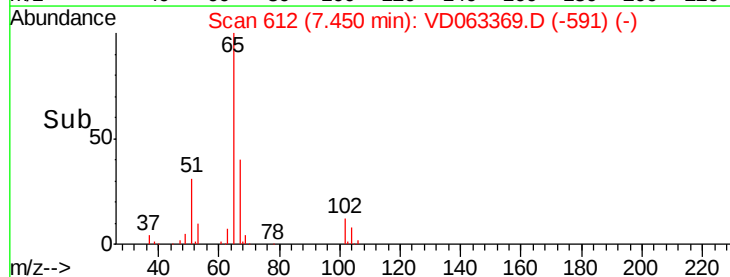
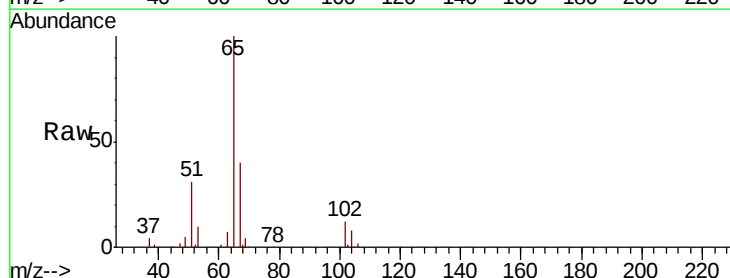
Acq: 3 Aug 2019 18:44

Tgt Ion: 65 Resp: 474401

Ion Ratio Lower Upper

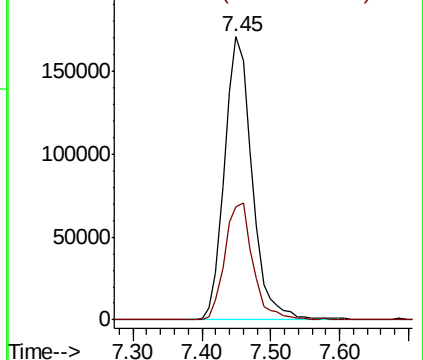
65 100

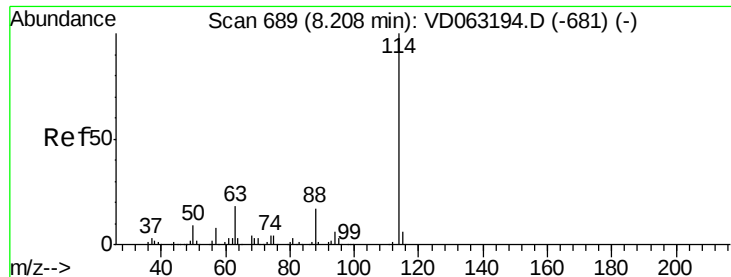
67 40.0 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.01 min

Lab File: VD063369.D

Acq: 3 Aug 2019 18:44

Instrument :

MSVOA_D

ClientSampleId :

1S-A1-(30)

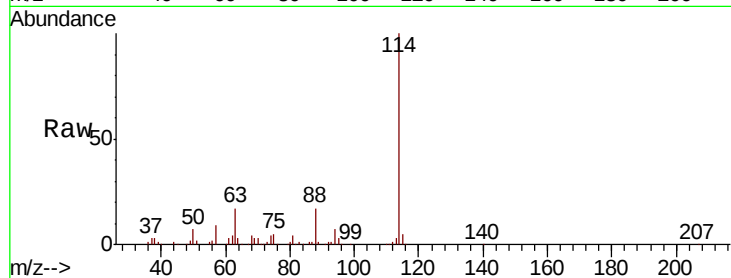
Tot Ion:114 Resp: 1113657

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.2

88 17.2 0.0 34.6



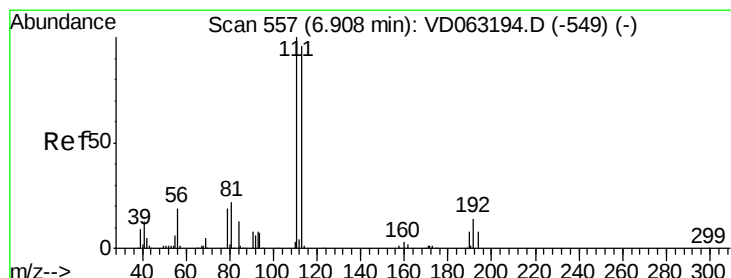
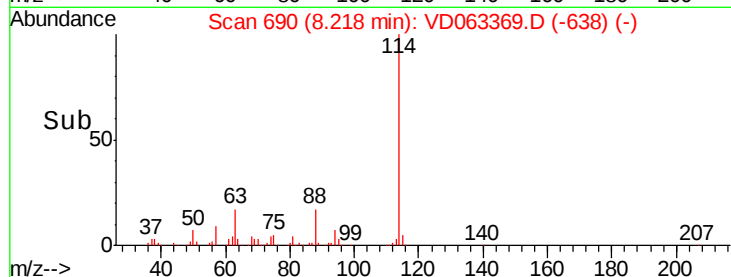
Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V

8.22

Time-->



#35

Dibromofluoromethane

Concen: 53.059 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD063369.D

Acq: 3 Aug 2019 18:44

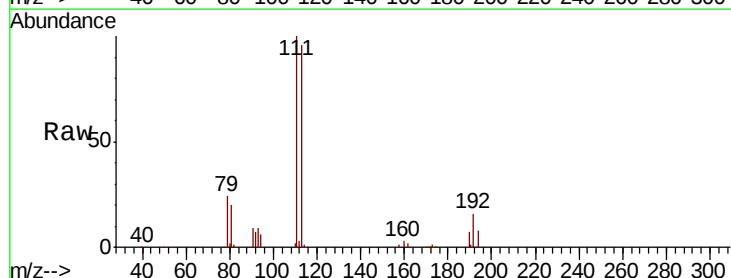
Tgt Ion:113 Resp: 504499

Ion Ratio Lower Upper

113 100

111 103.7 83.2 124.8

192 16.3 11.8 17.8



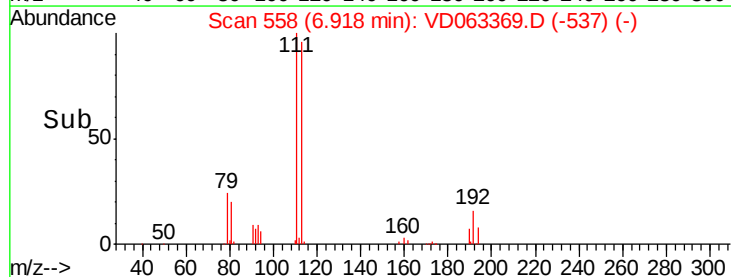
Abundance Ion 112.90 (112.60 to 113.60): V

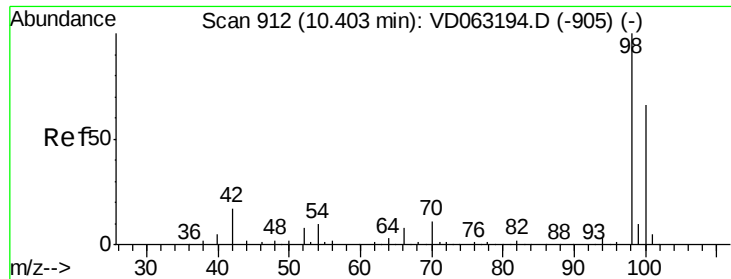
Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

6.92

Time-->





#50

Toluene-d8

Concen: 49.014 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD063369.D

Acq: 3 Aug 2019 18:44

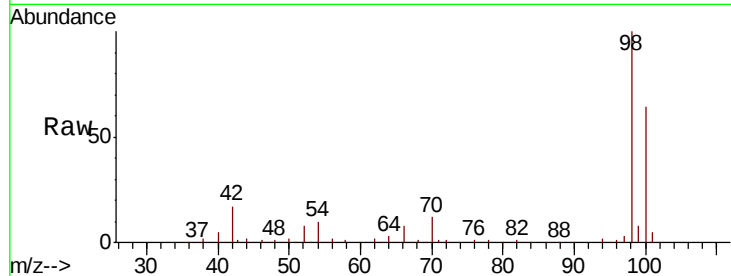
Instrument :
MSVOA_D
ClientSampled :
1S-A1-(30)

Tot Ion: 98 Resp: 1042986

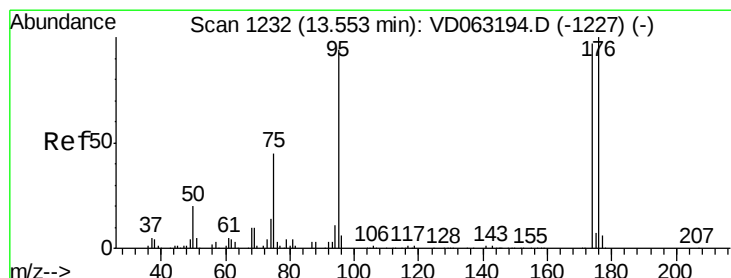
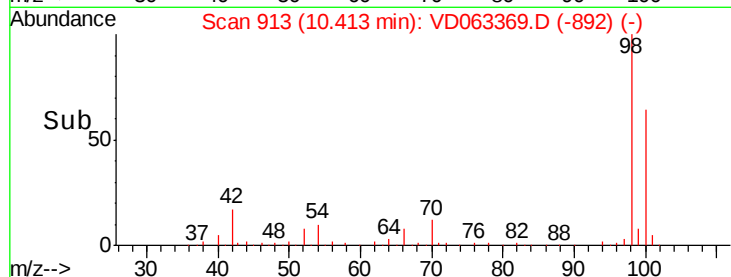
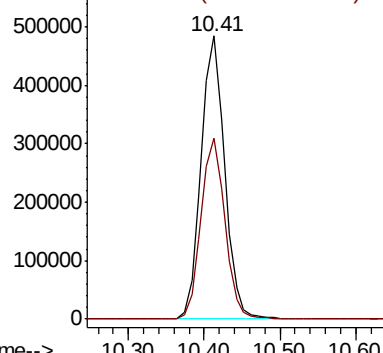
Ion Ratio Lower Upper

98 100

100 63.8 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: 38.967 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063369.D

Acq: 3 Aug 2019 18:44

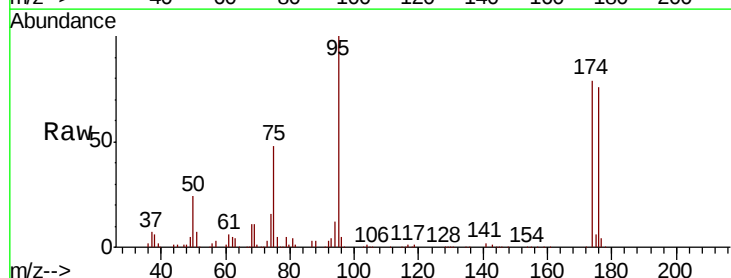
Tgt Ion: 95 Resp: 377858

Ion Ratio Lower Upper

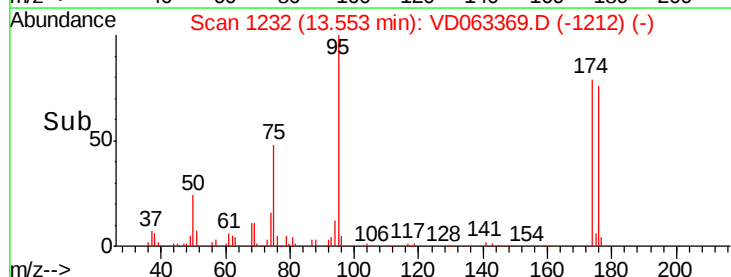
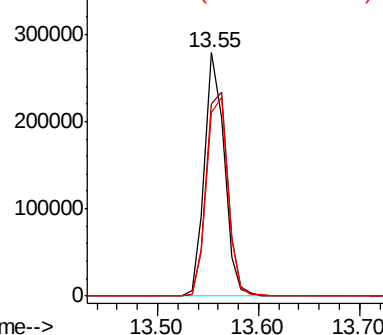
95 100

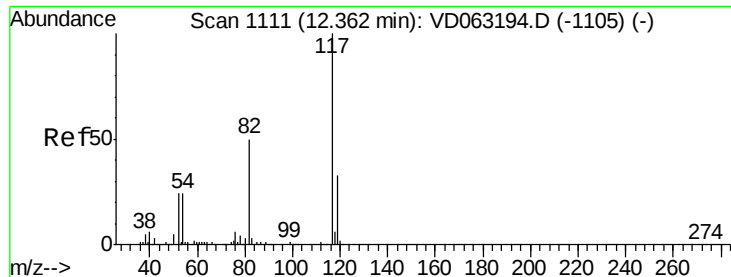
174 79.3 0.0 205.4

176 75.6 0.0 211.8



Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): VDC
Ion 175.90 (175.60 to 176.60): VDC

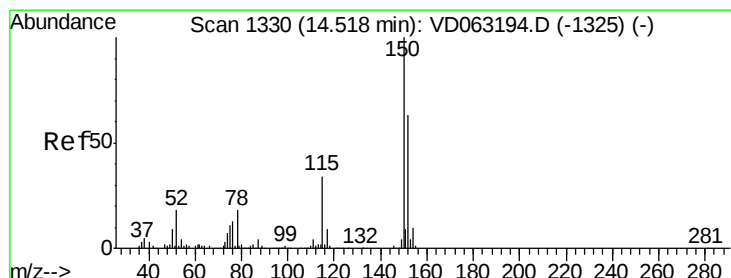
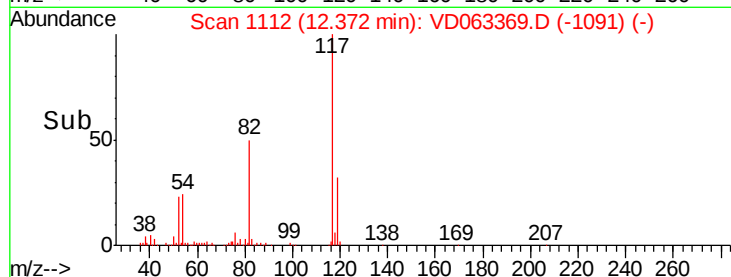
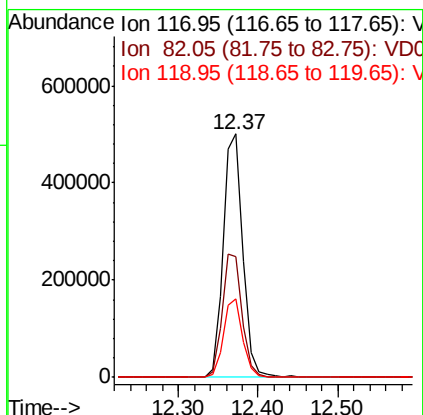
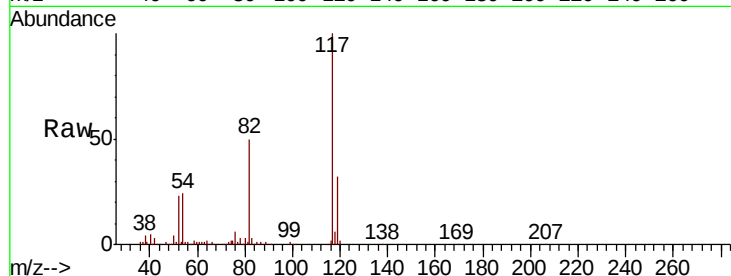




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD063369.D
Acq: 3 Aug 2019 18:44

Instrument :
MSVOA_D
ClientSampleId :
1S-A1-(30)

Tot Ion:117 Resp: 870484
Ion Ratio Lower Upper
117 100
82 49.6 40.1 60.1
119 32.1 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD063369.D
Acq: 3 Aug 2019 18:44

Tgt Ion:152 Resp: 362036
Ion Ratio Lower Upper
152 100
115 61.3 27.5 82.4
150 157.9 0.0 320.6

